

CLAIMS

1. A program guide information-generating device of a program
guide information-generating system, which has a simulcast range processing
5 block which generates a program broadcasting schedule by replacing the
program entries in a simulcast range with the program entries registered in
the program broadcasting schedule of a simulcast original channel identifier
when simulcast range information comprising the simulcast range having a
date and time to start the simulcast range and a date and time to end the
10 simulcast range, a simulcast identifier and the simulcast original channel
identifier is registered to represent some or all of the program entries in the
program broadcasting schedule of each channel in which program entries
each of which having a date and time to start broadcasting and a event
identifier are registered in the order they are broadcast.

2. The device of claim 1, wherein the simulcast range processing
block generates the program broadcasting schedule by using the date and
time to start broadcasting of a program entry registered not in the program
broadcasting schedule and having the simulcast identifier and the simulcast
20 original channel identifier registered therein as the date and time to start the
simulcast range and using the date and time to end broadcasting of the
program entry as the date and time to end the simulcast range.

3. The device of claim 1, wherein the simulcast range processing
25 block replaces the program entries in the simulcast range in the program
broadcasting schedule having the simulcast range information registered

therein with program entries whose times and dates to start broadcasting fall between the date and time to start the simulcast range and the date and time to end the simulcast range in the program broadcasting schedule corresponding to the simulcast original channel identifier contained in the
5 simulcast range information.

4. The device of claim 1, wherein the simulcast range processing block does not perform the replacement when the date and time to start the simulcast range in the simulcast range information in the program
10 broadcasting schedule is undetermined or when the date and time to start broadcasting of the program entry in the program broadcasting schedule corresponding to the simulcast original channel identifier in the simulcast range information is undetermined.

5. The device of claim 1, which has a current/next event
15 information-generating block which generates single-event information having the channel identifier of a simulcast other channel from the event identifier of a program entry in the program broadcasting schedule of a simulcast original channel and the program information of the simulcast original channel when a
20 simulcast range in a program broadcasting schedule is replaced by the program entry.

6. A program guide information-generating device of a program
guide information-generating system, which has single-event information for
25 simulcast range-generating block which generates single-event information for a simulcast range which has the channel identifier of a simulcast other

channel from the event identifier of a program entry registered in the program
broadcasting schedule of a simulcast original channel and the program
information of the simulcast original channel in accordance with a simulcast
relationship which has the relationship between the channel identifier of the
5 simulcast other channel and the channel identifier of the simulcast original
channel.

7. A program guide information-generating device of a program
guide information-generating system, which has single-event information for
10 simulcast range-generating block which generates the single-event
information for a simulcast range which has the channel identifier of a
simulcast other channel from the event identifier of a program entry whose
time and date to start broadcasting falls between the date and time to start
the simulcast range and the date and time to end the simulcast range or a
15 program entry whose date and time to start broadcasting is undetermined in
the program broadcasting schedule corresponding to the simulcast original
channel identifier and the program information of the simulcast original
channel when simulcast range information is registered in the program
broadcasting schedule.

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8. A program guide information-generating device of a program
guide information-generating system, which has single-event information for
simulcast range-generating block which generates the single-event
information for a simulcast range which has the channel identifier of a
25 simulcast other channel from the event identifiers of program entries
registered in the program broadcasting schedules of all channels and the

program information of the channel identifier.

9. A program guide information-transmitting device of a program guide information-generating system, which has a current/next event

5 information-transmitting block which generates current/next event information by use of the information from a current/next event information transmission schedule in which current/next event entries comprising the date and time to start broadcasting of a current event, the event identifier of the current event and the event identifier of a next event are registered in the order they are
10 broadcast, the single-event information, the single-event information for a simulcast range and a program initiation notice comprising a channel identifier and a event identifier and which transmits the current/next event information, wherein the current/next event information is generated by current/next event information-generating means when a simulcast original channel identifier is
15 set in the program initiation notice.

10. The device of claim 9, wherein the current/next event information-generating means acquires the event identifier of a current event from the current/next event entry in which the event identifier of the current
20 event matches with the event identifier set in the program initiation notice in the current/next event information transmission schedule corresponding to the simulcast original channel identifier set in the program initiation identifier and uses the channel identifier of the program initiation notice, single-event information for a simulcast range in which the event identifier is set as current
25 event information and the single-event information for an undetermined entry as next event information to generate the current/next event information.

11. The device of claim 9, wherein the current/next event
information-generating means acquires the event identifier of a current event
and the event identifier of a next event from the current/next event entry in
5 which the event identifier of the current event matches with the event identifier
set in the program initiation notice in the current/next event information
transmission schedule corresponding to the simulcast original channel
identifier set in the program initiation identifier and uses the channel identifier
set in the program initiation notice as current event information and single-
10 event information for a simulcast range which has the event identifier as next
event information to generate the current/next event information.

12. The device of claim 9, wherein the current/next event
information-generating means specifies single-event information having the
15 information about the simulcast original channel identifier and event identifier
set in the program initiation notice, replaces the channel identifier of the
single-event information with the channel identifier set in the program initiation
notice and uses the single-event information as the current event information
of the current/next event information to generate the current/next event
20 information.

13. A program guide information-transmitting device of a program
guide information-generating system, which has a current/next event
information-transmitting block which generates current/next event information
25 from a current/next event information transmission schedule in which
current/next event entries comprising the date and time to start broadcasting

of a current event, the event identifier of the current event and the event identifier of a next event are registered in the order they are broadcast, the single-event information, the single-event information for a simulcast range and a program initiation notice comprising a channel identifier and a event
5 identifier and which transmits the current/next event information, wherein the current/next event information-transmitting block uses single-event information for a simulcast range which has the channel identifier and event identifier set in the program initiation notice as current event information and the single-event information for an undetermined event as next event
10 information to generate the current/next event information when a simulcast original channel identifier is set in the program initiation notice.

14. A program guide information-transmitting device of a program guide information-generating system, which has a current/next event
15 information-transmitting block which generates current/next event information from a current/next event information transmission schedule in which current/next event entries comprising the date and time to start broadcasting, management code and event identifier of a current event and the event identifier of a next event are registered in the order they are broadcast, the
20 single-event information, the single-event information for a simulcast range and a program initiation notice comprising a channel identifier, a management code and a simulcast original channel identifier and which transmits the current/next event information, wherein the current/next event information is generated by current/next event information-generating means when the
25 simulcast original channel identifier is set in the program initiation notice.

15. The device of claim 14, wherein the current/next event
information-generating means acquires the event identifier of a current event
and the event identifier of a next event from the current/next event entry in
which the management code matches with the management code set in the
5 program initiation notice in the current/next event information transmission
schedule corresponding to the simulcast original channel identifier set in the
program initiation identifier and uses the channel identifier set in the program
initiation notice as current event information and single-event information for a
simulcast range which has the event identifier as next event information to
10 generate the current/next event information.

16. The device of claim 14, wherein the current/next event
information-generating means acquires the event identifier of a current event
from the current/next event entry in which the management code matches
15 with the management code set in the program initiation notice in the
current/next event information transmission schedule corresponding to the
simulcast original channel identifier set in the program initiation identifier and
uses single-event information for a simulcast range which has the channel
identifier set in the program initiation notice and the event identifier as current
20 event information and the single-event information for an undetermined entry
as next event information to generate the current/next event information.

17. A program guide information-generating/transmitting system
comprising a program editing device which edits a program broadcasting
25 schedule and program information, a program guide information managing
device which manages edited information, a program guide information-

generating device which receives the program broadcasting schedule and the program information from the program guide information managing device and generates program guide information, a program initiation control device which transmits a program initiation notice, and a program guide information-transmitting device which receives the program guide information from the program guide information-generating device and transmits the current/next event information generated from the program guide information in accordance with the program initiation notice transmitted from the program initiation control device, wherein the program guide information-generating device has a simulcast range processing block which generates a program broadcasting schedule by replacing the program entries in a simulcast range with the program entries registered in the program broadcasting schedule of a simulcast original channel identifier when simulcast range information comprising the simulcast range having a date and time to start the simulcast range and a date and time to end the simulcast range, a simulcast identifier and the simulcast original channel identifier is registered to represent some or all of the program entries in the program broadcasting schedule of each channel in which program entries each of which having a date and time to start broadcasting and a event identifier are registered in the order they are broadcast.

18. The system of claim 17, wherein the program guide information-generating device has a current/next event information-generating block which generates single-event information having the channel identifier of a simulcast other channel from the event identifier of a program entry in the program broadcasting schedule of a simulcast original channel and the

program information of the simulcast original channel when the simulcast range in the program broadcasting schedule is replaced by the program entry in the program broadcasting schedule of the simulcast original channel.

5 19. A program guide information-generating/transmitting system comprising a program editing device which edits a program broadcasting schedule and program information, a program guide information managing device which manages edited information, a program guide information-generating device which receives the program broadcasting schedule and the
10 program information from the program guide information managing device and generates program guide information, a program initiation control device which transmits a program initiation notice, and a program guide information-transmitting device which receives the program guide information from the program guide information-generating device and transmits the current/next
15 event information generated from the program guide information in accordance with the program initiation notice transmitted from the program initiation control device, wherein the program guide information-generating device has a simulcast range processing block which generates a program broadcasting schedule by replacing the program entries in a simulcast range
20 with the program entries registered in the program broadcasting schedule of a simulcast original channel identifier when simulcast range information comprising the simulcast range having a date and time to start the simulcast range and a date and time to end the simulcast range, a simulcast identifier and the simulcast original channel identifier is registered to represent some or
25 all of the program entries in the program broadcasting schedule of each channel in which program entries each of which having a date and time to

start broadcasting and a event identifier are registered in the order they are broadcast,

the simulcast range processing block does not perform the replacement when the date and time to start the simulcast range in the simulcast range information in the program broadcasting schedule is undetermined or when the date and time to start broadcasting of the program entry in the program broadcasting schedule corresponding to the simulcast original channel identifier in the simulcast range information is undetermined,

the program guide information-transmitting device has a current/next event information-transmitting block which generates current/next event information by use of the information from a current/next event information transmission schedule in which current/next event entries comprising the date and time to start broadcasting of a current event, the event identifier of the current event and the event identifier of a next event are registered in the order they are broadcast, the single-event information, the single-event information for a simulcast range and a program initiation notice comprising a channel identifier and a event identifier and which transmits the current/next event information,

the current/next event information-transmitting block generates the current/next event information by current/next event information-generating means when a simulcast original channel identifier is set in the program initiation notice, and

the current/next event information-generating means acquires the event identifier of a current event from the current/next event entry in which the event identifier of the current event matches with the event identifier set in the program initiation notice in the current/next event information transmission

schedule corresponding to the simulcast original channel identifier set in the program initiation identifier and uses the channel identifier of the program initiation notice and single-event information for a simulcast range in which the event identifier is set as current event information and the single-event information for an undetermined entry as next event information to generate the current/next event information.

20. A program guide information-generating/transmitting system comprising a program editing device which edits a program broadcasting schedule and program information, a program guide information managing device which manages edited information, a program guide information-generating device which receives the program broadcasting schedule and the program information from the program guide information managing device and generates program guide information, a program initiation control device which transmits a program initiation notice, and a program guide information-transmitting device which receives the program guide information from the program guide information-generating device and transmits the current/next event information generated from the program guide information in accordance with the program initiation notice transmitted from the program initiation control device, wherein the program guide information-generating device has a simulcast range processing block which generates a program broadcasting schedule by replacing the program entries in a simulcast range with the program entries registered in the program broadcasting schedule of a simulcast original channel identifier when simulcast range information comprising the simulcast range having a date and time to start the simulcast range and a date and time to end the simulcast range, a simulcast identifier

and the simulcast original channel identifier is registered to represent some or all of the program entries in the program broadcasting schedule of each channel in which program entries each of which having a date and time to start broadcasting and a event identifier are registered in the order they are

5 broadcast,

the simulcast range processing block does not perform the replacement when the date and time to start the simulcast range in the simulcast range information in the program broadcasting schedule is undetermined or when the date and time to start broadcasting of the program entry in the program broadcasting schedule corresponding to the simulcast original channel identifier in the simulcast range information is undetermined,

the program guide information-transmitting device has a current/next event information-transmitting block which generates current/next event information by use of the information from a current/next event information transmission schedule in which current/next event entries comprising the date and time to start broadcasting of a current event, the event identifier of the current event and the event identifier of a next event are registered in the order they are broadcast, the single-event information, the single-event information for a simulcast range and a program initiation notice comprising a channel identifier and a event identifier and which transmits the current/next event information,

the current/next event information-transmitting block generates the current/next event information by current/next event information-generating means when a simulcast original channel identifier is set in the program initiation notice, and

the current/next event information-generating means acquires the

event identifier of a current event and the event identifier of a next event from the current/next event entry in which the event identifier of the current event matches with the event identifier set in the program initiation notice in the current/next event information transmission schedule corresponding to the simulcast original channel identifier set in the program initiation identifier and uses the channel identifier set in the program initiation notice as current event information and single-event information for a simulcast range which has the event identifier as next event information to generate the current/next event information.

21. A program guide information-generating/transmitting system comprising a program editing device which edits a program broadcasting schedule and program information, a program guide information managing device which manages edited information, a program guide information-generating device which receives the program broadcasting schedule and the program information from the program guide information managing device and generates program guide information, a program initiation control device which transmits a program initiation notice, and a program guide information-transmitting device which receives the program guide information from the program guide information-generating device and transmits the current/next event information generated from the program guide information in accordance with the program initiation notice transmitted from the program initiation control device, wherein the program guide information-generating device has a simulcast range processing block which generates a program broadcasting schedule by replacing the program entries in a simulcast range with the program entries registered in the program broadcasting schedule of a

simulcast original channel identifier when simulcast range information comprising the simulcast range having a date and time to start the simulcast range and a date and time to end the simulcast range, a simulcast identifier and the simulcast original channel identifier is registered to represent some or

- 5 all of the program entries in the program broadcasting schedule of each channel in which program entries each of which having a date and time to start broadcasting and a event identifier are registered in the order they are broadcast,

- 10 the simulcast range processing block does not perform the replacement when the date and time to start the simulcast range in the simulcast range information in the program broadcasting schedule is undetermined or when the date and time to start broadcasting of the program entry in the program broadcasting schedule corresponding to the simulcast original channel identifier in the simulcast range information is undetermined,

- 15 the program guide information-transmitting device has a current/next event information-transmitting block which generates current/next event information by use of the information from a current/next event information transmission schedule in which current/next event entries comprising the date and time to start broadcasting of a current event, the event identifier of the current event and the event identifier of a next event are registered in the order they are broadcast, the single-event information, the single-event information for a simulcast range and a program initiation notice comprising a channel identifier and a event identifier and which transmits the current/next event information,

- 25 the current/next event information-transmitting block generates the current/next event information by current/next event information-generating

means when a simulcast original channel identifier is set in the program initiation notice, and

the current/next event information-generating means specifies single-event information having the information about the simulcast original channel identifier and event identifier set in the program initiation notice, replaces the channel identifier of the single-event information with the channel identifier set in the program initiation notice and uses the single-event information as the current event information of the current/next event information to generate the current/next event information.

22. A program guide information-generating/transmitting system comprising a program editing device which edits a program broadcasting schedule and program information, a program guide information managing device which manages edited information, a program guide information-generating device which receives the program broadcasting schedule and the program information from the program guide information managing device and generates program guide information, a program initiation control device which transmits a program initiation notice, and a program guide information-transmitting device which receives the program guide information from the program guide information-generating device and transmits the current/next event information generated from the program guide information in accordance with the program initiation notice transmitted from the program initiation control device, wherein the program guide information-generating device has a simulcast range processing block which generates a program broadcasting schedule by replacing the program entries in a simulcast range with the program entries registered in the program broadcasting schedule of a

simulcast original channel identifier when simulcast range information comprising the simulcast range having a date and time to start the simulcast range and a date and time to end the simulcast range, a simulcast identifier and the simulcast original channel identifier is registered to represent some or all of the program entries in the program broadcasting schedule of each channel in which program entries each of which having a date and time to start broadcasting and a event identifier are registered in the order they are broadcast,

the simulcast range processing block does not perform the replacement when the date and time to start the simulcast range in the simulcast range information in the program broadcasting schedule is undetermined or when the date and time to start broadcasting of the program entry in the program broadcasting schedule corresponding to the simulcast original channel identifier in the simulcast range information is undetermined,

the program guide information-transmitting device has a current/next event information-transmitting block which generates current/next event information from a current/next event information transmission schedule in which current/next event entries comprising the date and time to start broadcasting of a current event, the event identifier of the current event and the event identifier of a next event are registered in the order they are broadcast, the single-event information, the single-event information for a simulcast range and a program initiation notice comprising a channel identifier and a event identifier and which transmits the current/next event information, and

the current/next event information-transmitting block uses single-event information for a simulcast range which has the channel identifier and

event identifier set in the program initiation notice as current event information and the single-event information for an undetermined event as next event information to generate the current/next event information when a simulcast original channel identifier is set in the program initiation notice.

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23. A program guide information-generating/transmitting system comprising a program editing device which edits a program broadcasting schedule and program information, a program guide information managing device which manages edited information, a program guide information-
10 generating device which receives the program broadcasting schedule and the program information from the program guide information managing device and generates program guide information, a program initiation control device which transmits a program initiation notice, and a program guide information-
15 transmitting device which receives the program guide information from the program guide information-generating device and transmits the current/next event information generated from the program guide information in accordance with the program initiation notice transmitted from the program initiation control device, wherein the program guide information-generating device has a simulcast range processing block which generates a program
20 broadcasting schedule by replacing the program entries in a simulcast range with the program entries registered in the program broadcasting schedule of a simulcast original channel identifier when simulcast range information comprising the simulcast range having a date and time to start the simulcast range and a date and time to end the simulcast range, a simulcast identifier
25 and the simulcast original channel identifier is registered to represent some or all of the program entries in the program broadcasting schedule of each

channel in which program entries each of which having a date and time to start broadcasting and a event identifier are registered in the order they are broadcast,

the simulcast range processing block does not perform the replacement when the date and time to start the simulcast range in the simulcast range information in the program broadcasting schedule is undetermined or when the date and time to start broadcasting of the program entry in the program broadcasting schedule corresponding to the simulcast original channel identifier in the simulcast range information is undetermined,

the program guide information-transmitting device has a current/next event information-transmitting block which generates current/next event information from a current/next event information transmission schedule in which current/next event entries comprising the date and time to start broadcasting, management code and event identifier of a current event and the event identifier of a next event are registered in the order they are broadcast, the single-event information, the single-event information for a simulcast range and a program initiation notice comprising a channel identifier, a management code and a simulcast original channel identifier and which transmits the current/next event information,

the current/next event information-transmitting block generates the current/next event information by current/next event information-generating means when the simulcast original channel identifier is set in the program initiation notice, and

the current/next event information-generating means acquires the event identifier of a current event and the event identifier of a next event from the current/next event entry in which the management code matches with the

management code set in the program initiation notice in the current/next event information transmission schedule corresponding to the simulcast original channel identifier set in the program initiation identifier and uses the channel identifier set in the program initiation notice as current event

- 5 information and single-event information for a simulcast range which has the event identifier as next event information to generate the current/next event information.

24. A program guide information-generating/transmitting system

- 10 comprising a program editing device which edits a program broadcasting schedule and program information, a program guide information managing device which manages edited information, a program guide information-generating device which receives the program broadcasting schedule and the program information from the program guide information managing device
- 15 and generates program guide information, a program initiation control device which transmits a program initiation notice, and a program guide information-transmitting device which receives the program guide information from the program guide information-generating device and transmits the current/next event information generated from the program guide information in
- 20 accordance with the program initiation notice transmitted from the program initiation control device, wherein the program guide information-generating device has a simulcast range processing block which generates a program broadcasting schedule by replacing the program entries in a simulcast range with the program entries registered in the program broadcasting schedule of a
- 25 simulcast original channel identifier when simulcast range information comprising the simulcast range having a date and time to start the simulcast

range and a date and time to end the simulcast range, a simulcast identifier and the simulcast original channel identifier is registered to represent some or all of the program entries in the program broadcasting schedule of each channel in which program entries each of which having a date and time to start broadcasting and a event identifier are registered in the order they are broadcast,

the simulcast range processing block does not perform the replacement when the date and time to start the simulcast range in the simulcast range information in the program broadcasting schedule is undetermined or when the date and time to start broadcasting of the program entry in the program broadcasting schedule corresponding to the simulcast original channel identifier in the simulcast range information is undetermined,

the program guide information-transmitting device has a current/next event information-transmitting block which generates current/next event information from a current/next event information transmission schedule in which current/next event entries comprising the date and time to start broadcasting, management code and event identifier of a current event and the event identifier of a next event are registered in the order they are broadcast, the single-event information, the single-event information for a simulcast range and a program initiation notice comprising a channel identifier, a management code and a simulcast original channel identifier and which transmits the current/next event information,

the current/next event information-transmitting block generates the current/next event information by current/next event information-generating means when the simulcast original channel identifier is set in the program initiation notice, and

the current/next event information-generating means acquires the event identifier of a current event from the current/next event entry in which the management code matches with the management code set in the program initiation notice in the current/next event information transmission
5 schedule corresponding to the simulcast original channel identifier set in the program initiation identifier and uses single-event information for a simulcast range which has the channel identifier set in the program initiation notice and the event identifier as current event information and the single-event information for an undetermined entry as next event information to generate
10 the current/next event information.

25. A program guide information-generating/transmitting system comprising a program editing device which edits a program broadcasting schedule and program information, a program guide information managing
15 device which manages edited information, a program guide information-generating device which receives the program broadcasting schedule and the program information from the program guide information managing device and generates program guide information, a program initiation control device which transmits a program initiation notice, and a program guide information-
20 transmitting device which receives the program guide information from the program guide information-generating device and transmits the current/next event information generated from the program guide information in accordance with the program initiation notice transmitted from the program initiation control device,

25 wherein the program guide information-generating device has single-event information for simulcast range-generating block which

generates single-event information for a simulcast range which has the channel identifier of a simulcast other channel from the event identifier of a program entry registered in the program broadcasting schedule of a simulcast original channel and the program information of the simulcast original channel

5 in accordance with a simulcast relationship which has the relationship between the channel identifier of the simulcast other channel and the channel identifier of the simulcast original channel,

the program guide information-transmitting device has a current/next event information-transmitting block which generates current/next event information by use of the information from a current/next event information transmission schedule in which current/next event entries comprising the date and time to start broadcasting of a current event, the event identifier of the current event and the event identifier of a next event are registered in the order they are broadcast, the single-event information, the
10 single-event information for a simulcast range and a program initiation notice comprising a channel identifier and a event identifier and which transmits the current/next event information,
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the current/next event information-transmitting block generates the current/next event information by current/next event information-generating
20 means when a simulcast original channel identifier is set in the program initiation notice, and

the current/next event information-generating means acquires the event identifier of a current event from the current/next event entry in which the event identifier of the current event matches with the event identifier set in
25 the program initiation notice in the current/next event information transmission schedule corresponding to the simulcast original channel identifier set in the

program initiation identifier and uses the channel identifier of the program initiation notice and single-event information for a simulcast range in which the event identifier is set as current event information and the single-event information for an undetermined entry as next event information to generate the current/next event information.

26. A program guide information-generating/transmitting system comprising a program editing device which edits a program broadcasting schedule and program information, a program guide information managing device which manages edited information, a program guide information-generating device which receives the program broadcasting schedule and the program information from the program guide information managing device and generates program guide information, a program initiation control device which transmits a program initiation notice, and a program guide information-transmitting device which receives the program guide information from the program guide information-generating device and transmits the current/next event information generated from the program guide information in accordance with the program initiation notice transmitted from the program initiation control device,

wherein the program guide information-generating device has single-event information for simulcast range-generating block which generates single-event information for a simulcast range which has the channel identifier of a simulcast other channel from the event identifier of a program entry registered in the program broadcasting schedule of a simulcast original channel and the program information of the simulcast original channel in accordance with a simulcast relationship which has the relationship

between the channel identifier of the simulcast other channel and the channel identifier of the simulcast original channel,

the program guide information-transmitting device has a current/next event information-transmitting block which generates current/next event information by use of the information from a current/next event information transmission schedule in which current/next event entries comprising the date and time to start broadcasting of a current event, the event identifier of the current event and the event identifier of a next event are registered in the order they are broadcast, the single-event information, the single-event information for a simulcast range and a program initiation notice comprising a channel identifier and a event identifier and which transmits the current/next event information,

the current/next event information-transmitting block generates the current/next event information by current/next event information-generating means when a simulcast original channel identifier is set in the program initiation notice, and

the current/next event information-generating means acquires the event identifier of a current event and the event identifier of a next event from the current/next event entry in which the event identifier of the current event matches with the event identifier set in the program initiation notice in the current/next event information transmission schedule corresponding to the simulcast original channel identifier set in the program initiation identifier and uses the channel identifier set in the program initiation notice as current event information and single-event information for a simulcast range which has the event identifier as next event information to generate the current/next event information.

27. A program guide information-generating/transmitting system comprising a program editing device which edits a program broadcasting schedule and program information, a program guide information managing
5 device which manages edited information, a program guide information-generating device which receives the program broadcasting schedule and the program information from the program guide information managing device and generates program guide information, a program initiation control device which transmits a program initiation notice, and a program guide information-
10 transmitting device which receives the program guide information from the program guide information-generating device and transmits the current/next event information generated from the program guide information in accordance with the program initiation notice transmitted from the program initiation control device,

15 wherein the program guide information-generating device has single-event information for simulcast range-generating block which generates single-event information for a simulcast range which has the channel identifier of a simulcast other channel from the event identifier of a program entry registered in the program broadcasting schedule of a simulcast
20 original channel and the program information of the simulcast original channel in accordance with a simulcast relationship which has the relationship between the channel identifier of the simulcast other channel and the channel identifier of the simulcast original channel,

the program guide information-transmitting device has a
25 current/next event information-transmitting block which generates current/next event information by use of the information from a current/next event

information transmission schedule in which current/next event entries comprising the date and time to start broadcasting of a current event, the event identifier of the current event and the event identifier of a next event are registered in the order they are broadcast, the single-event information, the
5 single-event information for a simulcast range and a program initiation notice comprising a channel identifier and a event identifier and which transmits the current/next event information,

the current/next event information-transmitting block generates the current/next event information by current/next event information-generating
10 means when a simulcast original channel identifier is set in the program initiation notice, and

the current/next event information-generating means specifies single-event information having the information about the simulcast original channel identifier and event identifier set in the program initiation notice,
15 replaces the channel identifier of the single-event information with the channel identifier set in the program initiation notice and uses the single-event information as the current event information of the current/next event information to generate the current/next event information.

20 28. A program guide information-generating/transmitting system comprising a program editing device which edits a program broadcasting schedule and program information, a program guide information managing device which manages edited information, a program guide information-generating device which receives the program broadcasting schedule and the
25 program information from the program guide information managing device and generates program guide information, a program initiation control device

which transmits a program initiation notice, and a program guide information-transmitting device which receives the program guide information from the program guide information-generating device and transmits the current/next event information generated from the program guide information in

5 accordance with the program initiation notice transmitted from the program initiation control device,

wherein the program guide information-generating device has single-event information for simulcast range-generating block which

generates single-event information for a simulcast range which has the
10 channel identifier of a simulcast other channel from the event identifier of a program entry registered in the program broadcasting schedule of a simulcast original channel and the program information of the simulcast original channel in accordance with a simulcast relationship which has the relationship
15 between the channel identifier of the simulcast other channel and the channel identifier of the simulcast original channel,

the program guide information-transmitting device has a current/next event information-transmitting block which generates current/next event information from a current/next event information transmission schedule in which current/next event entries comprising the date and time to start

20 broadcasting of a current event, the event identifier of the current event and the event identifier of a next event are registered in the order they are broadcast, the single-event information, the single-event information for a simulcast range and a program initiation notice comprising a channel identifier and a event identifier and which transmits the current/next event information,

25 and

the current/next event information-transmitting block uses single-

event information for a simulcast range which has the channel identifier and event identifier set in the program initiation notice as current event information and the single-event information for an undetermined event as next event information to generate the current/next event information when a simulcast
5 original channel identifier is set in the program initiation notice.

29. A program guide information-generating/transmitting system comprising a program editing device which edits a program broadcasting schedule and program information, a program guide information managing
10 device which manages edited information, a program guide information-generating device which receives the program broadcasting schedule and the program information from the program guide information managing device and generates program guide information, a program initiation control device which transmits a program initiation notice, and a program guide information-
15 transmitting device which receives the program guide information from the program guide information-generating device and transmits the current/next event information generated from the program guide information in accordance with the program initiation notice transmitted from the program initiation control device,
20 wherein the program guide information-generating device has single-event information for simulcast range-generating block which generates single-event information for a simulcast range which has the channel identifier of a simulcast other channel from the event identifier of a program entry registered in the program broadcasting schedule of a simulcast
25 original channel and the program information of the simulcast original channel in accordance with a simulcast relationship which has the relationship

between the channel identifier of the simulcast other channel and the channel identifier of the simulcast original channel,

the program guide information-transmitting device has a current/next event information-transmitting block which generates current/next event information from a current/next event information transmission schedule in which current/next event entries comprising the date and time to start broadcasting, management code and event identifier of a current event and the event identifier of a next event are registered in the order they are broadcast, the single-event information, the single-event information for a simulcast range and a program initiation notice comprising a channel identifier, a management code and a simulcast original channel identifier and which transmits the current/next event information,

the current/next event information-transmitting block generates the current/next event information by current/next event information-generating means when the simulcast original channel identifier is set in the program initiation notice, and

the current/next event information-generating means acquires the event identifier of a current event and the event identifier of a next event from the current/next event entry in which the management code matches with the management code set in the program initiation notice in the current/next event information transmission schedule corresponding to the simulcast original channel identifier set in the program initiation identifier and uses the channel identifier set in the program initiation notice as current event information and single-event information for a simulcast range which has the event identifier as next event information to generate the current/next event information.

30. A program guide information-generating/transmitting system comprising a program editing device which edits a program broadcasting schedule and program information, a program guide information managing device which manages edited information, a program guide information-generating device which receives the program broadcasting schedule and the program information from the program guide information managing device and generates program guide information, a program initiation control device which transmits a program initiation notice, and a program guide information-transmitting device which receives the program guide information from the program guide information-generating device and transmits the current/next event information generated from the program guide information in accordance with the program initiation notice transmitted from the program initiation control device,

wherein the program guide information-generating device has single-event information for simulcast range-generating block which generates single-event information for a simulcast range which has the channel identifier of a simulcast other channel from the event identifier of a program entry registered in the program broadcasting schedule of a simulcast original channel and the program information of the simulcast original channel in accordance with a simulcast relationship which has the relationship between the channel identifier of the simulcast other channel and the channel identifier of the simulcast original channel,

the program guide information-transmitting device has a current/next event information-transmitting block which generates current/next event information from a current/next event information transmission schedule

in which current/next event entries comprising the date and time to start
broadcasting, management code and event identifier of a current event and
the event identifier of a next event are registered in the order they are
broadcast, the single-event information, the single-event information for a
5 simulcast range and a program initiation notice comprising a channel identifier,
a management code and a simulcast original channel identifier and which
transmits the current/next event information,

the current/next event information-transmitting block generates the
current/next event information by current/next event information-generating
10 means when the simulcast original channel identifier is set in the program
initiation notice, and

the current/next event information-generating means acquires the
event identifier of a current event from the current/next event entry in which
the management code matches with the management code set in the
15 program initiation notice in the current/next event information transmission
schedule corresponding to the simulcast original channel identifier set in the
program initiation identifier and uses single-event information for a simulcast
range which has the channel identifier set in the program initiation notice and
the event identifier as current event information and the single-event
20 information for an undetermined entry as next event information to generate
the current/next event information.

31. A program guide information-generating/transmitting system
comprising a program editing device which edits a program broadcasting
25 schedule and program information, a program guide information managing
device which manages edited information, a program guide information-

generating device which receives the program broadcasting schedule and the program information from the program guide information managing device and generates program guide information, a program initiation control device which transmits a program initiation notice, and a program guide information-

5 transmitting device which receives the program guide information from the program guide information-generating device and transmits the current/next event information generated from the program guide information in accordance with the program initiation notice transmitted from the program initiation control device,

10 wherein the program guide information-generating device has single-event information for simulcast range-generating block which generates the single-event information for a simulcast range which has the channel identifier of a simulcast other channel from the event identifier of a program entry whose time and date to start broadcasting falls between the
15 date and time to start the simulcast range and the date and time to end the simulcast range or a program entry whose date and time to start broadcasting is undetermined in the program broadcasting schedule corresponding to the simulcast original channel identifier and the program information of the simulcast original channel when simulcast range information is registered in
20 the program broadcasting schedule,

the program guide information-transmitting device has a current/next event information-transmitting block which generates current/next event information by use of the information from a current/next event information transmission schedule in which current/next event entries
25 comprising the date and time to start broadcasting of a current event, the event identifier of the current event and the event identifier of a next event are

registered in the order they are broadcast, the single-event information, the single-event information for a simulcast range and a program initiation notice comprising a channel identifier and a event identifier and which transmits the current/next event information,

5 the current/next event information-transmitting block generates the current/next event information by current/next event information-generating means when a simulcast original channel identifier is set in the program initiation notice, and

10 the current/next event information-generating means acquires the event identifier of a current event from the current/next event entry in which the event identifier of the current event matches with the event identifier set in the program initiation notice in the current/next event information transmission schedule corresponding to the simulcast original channel identifier set in the program initiation identifier and uses the channel identifier of the program
15 initiation notice and single-event information for a simulcast range in which the event identifier is set as current event information and the single-event information for an undetermined entry as next event information to generate the current/next event information.

20 32. A program guide information-generating/transmitting system comprising a program editing device which edits a program broadcasting schedule and program information, a program guide information managing device which manages edited information, a program guide information-generating device which receives the program broadcasting schedule and the
25 program information from the program guide information managing device and generates program guide information, a program initiation control device

which transmits a program initiation notice, and a program guide information-transmitting device which receives the program guide information from the program guide information-generating device and transmits the current/next event information generated from the program guide information in

5 accordance with the program initiation notice transmitted from the program initiation control device,

wherein the program guide information-generating device has single-event information for simulcast range-generating block which generates the single-event information for a simulcast range which has the
10 channel identifier of a simulcast other channel from the event identifier of a program entry whose time and date to start broadcasting falls between the date and time to start the simulcast range and the date and time to end the simulcast range or a program entry whose date and time to start broadcasting is undetermined in the program broadcasting schedule corresponding to the
15 simulcast original channel identifier and the program information of the simulcast original channel when simulcast range information is registered in the program broadcasting schedule,

the program guide information-transmitting device has a current/next event information-transmitting block which generates current/next
20 event information by use of the information from a current/next event information transmission schedule in which current/next event entries comprising the date and time to start broadcasting of a current event, the event identifier of the current event and the event identifier of a next event are registered in the order they are broadcast, the single-event information, the
25 single-event information for a simulcast range and a program initiation notice comprising a channel identifier and a event identifier and which transmits the

current/next event information,

the current/next event information-transmitting block generates the current/next event information by current/next event information-generating means when a simulcast original channel identifier is set in the program

5 initiation notice, and

the current/next event information-generating means acquires the event identifier of a current event and the event identifier of a next event from the current/next event entry in which the event identifier of the current event matches with the event identifier set in the program initiation notice in the

10 current/next event information transmission schedule corresponding to the simulcast original channel identifier set in the program initiation identifier and uses the channel identifier set in the program initiation notice as current event information and single-event information for a simulcast range which has the event identifier as next event information to generate the current/next event
15 information.

33. A program guide information-generating/transmitting system comprising a program editing device which edits a program broadcasting schedule and program information, a program guide information managing
20 device which manages edited information, a program guide information-generating device which receives the program broadcasting schedule and the program information from the program guide information managing device and generates program guide information, a program initiation control device which transmits a program initiation notice, and a program guide information-
25 transmitting device which receives the program guide information from the program guide information-generating device and transmits the current/next

event information generated from the program guide information in accordance with the program initiation notice transmitted from the program initiation control device,

wherein the program guide information-generating device has

5 single-event information for simulcast range-generating block which generates the single-event information for a simulcast range which has the channel identifier of a simulcast other channel from the event identifier of a program entry whose time and date to start broadcasting falls between the date and time to start the simulcast range and the date and time to end the
10 simulcast range or a program entry whose date and time to start broadcasting is undetermined in the program broadcasting schedule corresponding to the simulcast original channel identifier and the program information of the simulcast original channel when simulcast range information is registered in the program broadcasting schedule,

15 the program guide information-transmitting device has a current/next event information-transmitting block which generates current/next event information by use of the information from a current/next event information transmission schedule in which current/next event entries comprising the date and time to start broadcasting of a current event, the
20 event identifier of the current event and the event identifier of a next event are registered in the order they are broadcast, the single-event information, the single-event information for a simulcast range and a program initiation notice comprising a channel identifier and a event identifier and which transmits the current/next event information,

25 the current/next event information-transmitting block generates the current/next event information by current/next event information-generating

means when a simulcast original channel identifier is set in the program initiation notice, and

the current/next event information-generating means specifies single-event information having the information about the simulcast original channel identifier and event identifier set in the program initiation notice, replaces the channel identifier of the single-event information with the channel identifier set in the program initiation notice and uses the single-event information as the current event information of the current/next event information to generate the current/next event information.

34. A program guide information-generating/transmitting system comprising a program editing device which edits a program broadcasting schedule and program information, a program guide information managing device which manages edited information, a program guide information-generating device which receives the program broadcasting schedule and the program information from the program guide information managing device and generates program guide information, a program initiation control device which transmits a program initiation notice, and a program guide information-transmitting device which receives the program guide information from the program guide information-generating device and transmits the current/next event information generated from the program guide information in accordance with the program initiation notice transmitted from the program initiation control device,

wherein the program guide information-generating device has single-event information for simulcast range-generating block which generates the single-event information for a simulcast range which has the

channel identifier of a simulcast other channel from the event identifier of a program entry whose time and date to start broadcasting falls between the date and time to start the simulcast range and the date and time to end the simulcast range or a program entry whose date and time to start broadcasting is undetermined in the program broadcasting schedule corresponding to the simulcast original channel identifier and the program information of the simulcast original channel when simulcast range information is registered in the program broadcasting schedule,

the program guide information-transmitting device has a current/next event information-transmitting block which generates current/next event information from a current/next event information transmission schedule in which current/next event entries comprising the date and time to start broadcasting of a current event, the event identifier of the current event and the event identifier of a next event are registered in the order they are broadcast, the single-event information, the single-event information for a simulcast range and a program initiation notice comprising a channel identifier and a event identifier and which transmits the current/next event information, and

the current/next event information-transmitting block uses single-event information for a simulcast range which has the channel identifier and event identifier set in the program initiation notice as current event information and the single-event information for an undetermined event as next event information to generate the current/next event information when a simulcast original channel identifier is set in the program initiation notice.

35. A program guide information-generating/transmitting system

comprising a program editing device which edits a program broadcasting
schedule and program information, a program guide information managing
device which manages edited information, a program guide information-
generating device which receives the program broadcasting schedule and the
5 program information from the program guide information managing device
and generates program guide information, a program initiation control device
which transmits a program initiation notice, and a program guide information-
transmitting device which receives the program guide information from the
program guide information-generating device and transmits the current/next
10 event information generated from the program guide information in
accordance with the program initiation notice transmitted from the program
initiation control device,

wherein the program guide information-generating device has
single-event information for simulcast range-generating block which
15 generates the single-event information for a simulcast range which has the
channel identifier of a simulcast other channel from the event identifier of a
program entry whose time and date to start broadcasting falls between the
date and time to start the simulcast range and the date and time to end the
simulcast range or a program entry whose date and time to start broadcasting
20 is undetermined in the program broadcasting schedule corresponding to the
simulcast original channel identifier and the program information of the
simulcast original channel when simulcast range information is registered in
the program broadcasting schedule,

the program guide information-transmitting device has a
25 current/next event information-transmitting block which generates current/next
event information from a current/next event information transmission schedule

in which current/next event entries comprising the date and time to start
broadcasting, management code and event identifier of a current event and
the event identifier of a next event are registered in the order they are
broadcast, the single-event information, the single-event information for a
5 simulcast range and a program initiation notice comprising a channel identifier,
a management code and a simulcast original channel identifier and which
transmits the current/next event information,

the current/next event information-transmitting block generates the
current/next event information by current/next event information-generating
10 means when the simulcast original channel identifier is set in the program
initiation notice, and

the current/next event information-generating means acquires the
event identifier of a current event and the event identifier of a next event from
the current/next event entry in which the management code matches with the
15 management code set in the program initiation notice in the current/next
event information transmission schedule corresponding to the simulcast
original channel identifier set in the program initiation identifier and uses the
channel identifier set in the program initiation notice as current event
information and single-event information for a simulcast range which has the
20 event identifier as next event information to generate the current/next event
information.

36. A program guide information-generating/transmitting system
comprising a program editing device which edits a program broadcasting
25 schedule and program information, a program guide information managing
device which manages edited information, a program guide information-

generating device which receives the program broadcasting schedule and the program information from the program guide information managing device and generates program guide information, a program initiation control device which transmits a program initiation notice, and a program guide information-

5 transmitting device which receives the program guide information from the program guide information-generating device and transmits the current/next event information generated from the program guide information in accordance with the program initiation notice transmitted from the program initiation control device,

10 wherein the program guide information-generating device has single-event information for simulcast range-generating block which generates the single-event information for a simulcast range which has the channel identifier of a simulcast other channel from the event identifier of a program entry whose time and date to start broadcasting falls between the
15 date and time to start the simulcast range and the date and time to end the simulcast range or a program entry whose date and time to start broadcasting is undetermined in the program broadcasting schedule corresponding to the simulcast original channel identifier and the program information of the simulcast original channel when simulcast range information is registered in
20 the program broadcasting schedule,

the program guide information-transmitting device has a current/next event information-transmitting block which generates current/next event information from a current/next event information transmission schedule in which current/next event entries comprising the date and time to start
25 broadcasting, management code and event identifier of a current event and the event identifier of a next event are registered in the order they are

broadcast, the single-event information, the single-event information for a simulcast range and a program initiation notice comprising a channel identifier, a management code and a simulcast original channel identifier and which transmits the current/next event information,

5 the current/next event information-transmitting block generates the current/next event information by current/next event information-generating means when the simulcast original channel identifier is set in the program initiation notice, and

10 the current/next event information-generating means acquires the event identifier of a current event from the current/next event entry in which the management code matches with the management code set in the program initiation notice in the current/next event information transmission schedule corresponding to the simulcast original channel identifier set in the program initiation identifier and uses single-event information for a simulcast
15 range which has the channel identifier set in the program initiation notice and the event identifier as current event information and the single-event information for an undetermined entry as next event information to generate the current/next event information.

20 37. A program guide information-generating/transmitting system comprising a program editing device which edits a program broadcasting schedule and program information, a program guide information managing device which manages edited information, a program guide information-generating device which receives the program broadcasting schedule and the
25 program information from the program guide information managing device and generates program guide information, a program initiation control device

which transmits a program initiation notice, and a program guide information-transmitting device which receives the program guide information from the program guide information-generating device and transmits the current/next event information generated from the program guide information in

5 accordance with the program initiation notice transmitted from the program initiation control device,

wherein the program guide information-generating device has single-event information for simulcast range-generating block which generates the single-event information for a simulcast range which has the
10 channel identifier of a simulcast other channel from the event identifiers of program entries registered in the program broadcasting schedules of all channels and the program information of the channel identifier,

the program guide information-transmitting device has a current/next event information-transmitting block which generates current/next
15 event information by use of the information from a current/next event information transmission schedule in which current/next event entries comprising the date and time to start broadcasting of a current event, the event identifier of the current event and the event identifier of a next event are registered in the order they are broadcast, the single-event information, the
20 single-event information for a simulcast range and a program initiation notice comprising a channel identifier and a event identifier and which transmits the current/next event information,

the current/next event information-transmitting block generates the current/next event information by current/next event information-generating
25 means when a simulcast original channel identifier is set in the program initiation notice, and

the current/next event information-generating means acquires the event identifier of a current event from the current/next event entry in which the event identifier of the current event matches with the event identifier set in the program initiation notice in the current/next event information transmission
5 schedule corresponding to the simulcast original channel identifier set in the program initiation identifier and uses the channel identifier of the program initiation notice and single-event information for a simulcast range in which the event identifier is set as current event information and the single-event information for an undetermined entry as next event information to generate
10 the current/next event information.

38. A program guide information-generating/transmitting system comprising a program editing device which edits a program broadcasting schedule and program information, a program guide information managing
15 device which manages edited information, a program guide information-generating device which receives the program broadcasting schedule and the program information from the program guide information managing device and generates program guide information, a program initiation control device which transmits a program initiation notice, and a program guide information-
20 transmitting device which receives the program guide information from the program guide information-generating device and transmits the current/next event information generated from the program guide information in accordance with the program initiation notice transmitted from the program initiation control device,

25 wherein the program guide information-generating device has single-event information for simulcast range-generating block which

generates the single-event information for a simulcast range which has the channel identifier of a simulcast other channel from the event identifiers of program entries registered in the program broadcasting schedules of all channels and the program information of the channel identifier,

5 the program guide information-transmitting device has a current/next event information-transmitting block which generates current/next event information by use of the information from a current/next event information transmission schedule in which current/next event entries comprising the date and time to start broadcasting of a current event, the
10 event identifier of the current event and the event identifier of a next event are registered in the order they are broadcast, the single-event information, the single-event information for a simulcast range and a program initiation notice comprising a channel identifier and a event identifier and which transmits the current/next event information,

15 the current/next event information-transmitting block generates the current/next event information by current/next event information-generating means when a simulcast original channel identifier is set in the program initiation notice, and

20 the current/next event information-generating means acquires the event identifier of a current event and the event identifier of a next event from the current/next event entry in which the event identifier of the current event matches with the event identifier set in the program initiation notice in the current/next event information transmission schedule corresponding to the simulcast original channel identifier set in the program initiation identifier and
25 uses the channel identifier set in the program initiation notice as current event information and single-event information for a simulcast range which has the

event identifier as next event information to generate the current/next event information.

39. A program guide information-generating/transmitting system
5 comprising a program editing device which edits a program broadcasting
schedule and program information, a program guide information managing
device which manages edited information, a program guide information-
generating device which receives the program broadcasting schedule and the
10 program information from the program guide information managing device
and generates program guide information, a program initiation control device
which transmits a program initiation notice, and a program guide information-
transmitting device which receives the program guide information from the
program guide information-generating device and transmits the current/next
event information generated from the program guide information in
15 accordance with the program initiation notice transmitted from the program
initiation control device,

wherein the program guide information-generating device has
single-event information for simulcast range-generating block which
generates the single-event information for a simulcast range which has the
20 channel identifier of a simulcast other channel from the event identifiers of
program entries registered in the program broadcasting schedules of all
channels and the program information of the channel identifier,

the program guide information-transmitting device has a
current/next event information-transmitting block which generates current/next
25 event information by use of the information from a current/next event
information transmission schedule in which current/next event entries

comprising the date and time to start broadcasting of a current event, the event identifier of the current event and the event identifier of a next event are registered in the order they are broadcast, the single-event information, the single-event information for a simulcast range and a program initiation notice

5 comprising a channel identifier and a event identifier and which transmits the current/next event information,

the current/next event information-transmitting block generates the current/next event information by current/next event information-generating means when a simulcast original channel identifier is set in the program

10 initiation notice, and

the current/next event information-generating means specifies single-event information having the information about the simulcast original channel identifier and event identifier set in the program initiation notice, replaces the channel identifier of the single-event information with the channel

15 identifier set in the program initiation notice and uses the single-event information as the current event information of the current/next event information to generate the current/next event information.

40. A program guide information-generating/transmitting system

20 comprising a program editing device which edits a program broadcasting schedule and program information, a program guide information managing device which manages edited information, a program guide information-generating device which receives the program broadcasting schedule and the program information from the program guide information managing device
25 and generates program guide information, a program initiation control device which transmits a program initiation notice, and a program guide information-

transmitting device which receives the program guide information from the program guide information-generating device and transmits the current/next event information generated from the program guide information in accordance with the program initiation notice transmitted from the program initiation control device,

wherein the program guide information-generating device has single-event information for simulcast range-generating block which generates the single-event information for a simulcast range which has the channel identifier of a simulcast other channel from the event identifiers of program entries registered in the program broadcasting schedules of all channels and the program information of the channel identifier,

the program guide information-transmitting device has a current/next event information-transmitting block which generates current/next event information from a current/next event information transmission schedule in which current/next event entries comprising the date and time to start broadcasting of a current event, the event identifier of the current event and the event identifier of a next event are registered in the order they are broadcast, the single-event information, the single-event information for a simulcast range and a program initiation notice comprising a channel identifier and a event identifier and which transmits the current/next event information, and

the current/next event information-transmitting block uses single-event information for a simulcast range which has the channel identifier and event identifier set in the program initiation notice as current event information and the single-event information for an undetermined event as next event information to generate the current/next event information when a simulcast

original channel identifier is set in the program initiation notice.

41. A program guide information-generating/transmitting system comprising a program editing device which edits a program broadcasting
5 schedule and program information, a program guide information managing device which manages edited information, a program guide information-generating device which receives the program broadcasting schedule and the program information from the program guide information managing device and generates program guide information, a program initiation control device
10 which transmits a program initiation notice, and a program guide information-transmitting device which receives the program guide information from the program guide information-generating device and transmits the current/next event information generated from the program guide information in accordance with the program initiation notice transmitted from the program
15 initiation control device,

wherein the program guide information-generating device has single-event information for simulcast range-generating block which generates the single-event information for a simulcast range which has the channel identifier of a simulcast other channel from the event identifiers of
20 program entries registered in the program broadcasting schedules of all channels and the program information of the channel identifier,

the program guide information-transmitting device has a current/next event information-transmitting block which generates current/next event information from a current/next event information transmission schedule
25 in which current/next event entries comprising the date and time to start broadcasting, management code and event identifier of a current event and

the event identifier of a next event are registered in the order they are broadcast, the single-event information, the single-event information for a simulcast range and a program initiation notice comprising a channel identifier, a management code and a simulcast original channel identifier and which
5 transmits the current/next event information,

the current/next event information-transmitting block generates the current/next event information by current/next event information-generating means when the simulcast original channel identifier is set in the program initiation notice, and

10 the current/next event information-generating means acquires the event identifier of a current event and the event identifier of a next event from the current/next event entry in which the management code matches with the management code set in the program initiation notice in the current/next event information transmission schedule corresponding to the simulcast
15 original channel identifier set in the program initiation identifier and uses the channel identifier set in the program initiation notice as current event information and single-event information for a simulcast range which has the event identifier as next event information to generate the current/next event information.

20
42. A program guide information-generating/transmitting system comprising a program editing device which edits a program broadcasting schedule and program information, a program guide information managing device which manages edited information, a program guide information-
25 generating device which receives the program broadcasting schedule and the program information from the program guide information managing device

and generates program guide information, a program initiation control device which transmits a program initiation notice, and a program guide information-transmitting device which receives the program guide information from the program guide information-generating device and transmits the current/next

5 event information generated from the program guide information in accordance with the program initiation notice transmitted from the program initiation control device,

wherein the program guide information-generating device has single-event information for simulcast range-generating block which
10 generates the single-event information for a simulcast range which has the channel identifier of a simulcast other channel from the event identifiers of program entries registered in the program broadcasting schedules of all channels and the program information of the channel identifier,

the program guide information-transmitting device has a
15 current/next event information-transmitting block which generates current/next event information from a current/next event information transmission schedule in which current/next event entries comprising the date and time to start broadcasting, management code and event identifier of a current event and the event identifier of a next event are registered in the order they are
20 broadcast, the single-event information, the single-event information for a simulcast range and a program initiation notice comprising a channel identifier, a management code and a simulcast original channel identifier and which transmits the current/next event information,

the current/next event information-transmitting block generates the
25 current/next event information by current/next event information-generating means when the simulcast original channel identifier is set in the program

initiation notice, and

the current/next event information-generating means acquires the event identifier of a current event from the current/next event entry in which the management code matches with the management code set in the

- 5 program initiation notice in the current/next event information transmission schedule corresponding to the simulcast original channel identifier set in the program initiation identifier and uses single-event information for a simulcast range which has the channel identifier set in the program initiation notice and the event identifier as current event information and the single-event
- 10 information for an undetermined entry as next event information to generate the current/next event information.